

## Amendments to the CLAIMS

1. (Original) A vibratory conveyor which comprises:

a machine frame;

a two-armed lever mounted on the frame for pivotal movement about an axis;

a reaction base mounted on one arm of the lever;

a conveyor element adapted to convey a product in a direction from a first end thereof toward a second end;

at least one leaf spring connected between the conveyor element and the reaction base and arranged to vibrate so as to cause the conveyor element to convey product as aforesaid; and

a sensor disposed between the said one arm and the machine frame for sensing the weight of product on the conveyor element;

wherein a line connecting the said axis of pivotal movement and the centre of mass of the conveyor element runs perpendicular to the length of the or each leaf spring.

2. (Original) A conveyor according to claim 1, wherein a vibration isolation means is provided between the reaction base and the said one arm of the lever.

3. (Original) A conveyor according to claim 2, wherein the said isolation means comprises at least one spring.

4. (Original) A conveyor according to claim 1, wherein the reaction base and the said one arm of the lever are provided by a single component.

5. (Currently amended) A conveyor according to ~~any preceding claim~~ claim 1, wherein a counter mass is mounted on other arm of the two-armed lever to counterbalance the force applied to the first arm when there is no product on the conveyor element.

6. (Original) A conveyor according to claim 5, wherein the position of the counter mass is adjustable along the length of said other arm.

7. (Currently amended) A conveyor according to ~~any preceding claim~~ claim 1, wherein the weight sensor comprises a load cell.

8. (Currently amended) A conveyor according to ~~any preceding claim~~ claim 1, in combination with means for adding an agent to product on the conveyor element, in dependence on the weight sensed by the weight sensor.

9. (Currently amended) A conveyor according to ~~any preceding claim~~ claim 1, further comprising at least one additional conveyor element upstream of the first mentioned conveyor element, for transporting product to the latter.

10. (Currently amended) A conveyor according to ~~any preceding claim~~ claim 1, wherein the sensor receives load from the said one arm via a spring.